

10/3/1928

1818 **HOPE'S** 1928
*Standard Casements
with Leaded Glass*

EST 11

21/3/20

LIST NO. 53



B.C.M./HOPE'S

January
1928

HENRY HOPE & SONS LTD.



Halford Works
SMETHWICK
BIRMINGHAM

LONDON	59 Berners Street, W.1
MANCHESTER	42 King Street West
GLASGOW	18 Blythswood Square
NEWCASTLE-ON-TYNE]	5 Higham Place
LEEDS	110 Albion Street
LIVERPOOL	8 Cook Street
BELFAST	16 Donegall Square South
DUBLIN	City Chambers, 68 Dame Street

HOPE'S

STANDARD CASEMENTS WITH LEADED GLAZING

WHEN we designed our standard steel windows with "T" astragals we made each window a multiple of the same well proportioned pane, and our designs are now in general use, other makers having adopted them both in England and the United States.

Many of our customers have asked us if we can supply these same windows with leaded glass, but the fixed overall dimensions make their subdivision into appropriate smaller panes of equal size impossible.

It is generally agreed that the size of window openings should be determined by the size of pane to be used, and a reference to the fine examples of Tudor architecture confirm this practice by the masters of that period.

We have therefore designed an entirely new range of standard casements for leaded glass, based upon multiples of a pane $7\frac{3}{8}$ in. by $5\frac{1}{8}$ in.

The diagrams on pages 6 and 7 illustrate the complete range of casements and leaded glass.

They are appropriate for application to mul-tioned windows constructed of wood, brick or stone, and are strongly recommended for small dwelling houses and similar buildings where the prices of purpose made casements cannot be justified.

HOPE'S SPECIFICATION

Casements and frames of rolled steel with two points of contact; all corners solid welded, and neatly cleaned off. (*See full size sections opposite.*)

Casements hung to the frames on Hope's patent projecting steel hinges, solid welded to the steel flanges, allowing for easy cleaning from the inside. A weather bar at head is supplied to all side hung and top hung casements.

Fittings of bronze, consisting of Hope's patent 2-point handle with radial stop, and non-projecting sliding stay, all plates and brackets being solid welded to the casements. (*See pages 8 and 9 for fittings and hinges.*)

FRENCH WINDOW. (*See details opposite and on pages 10 and 11.*)

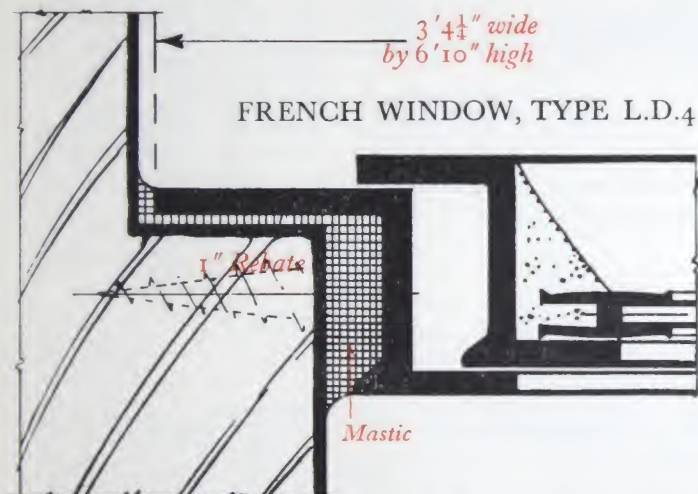
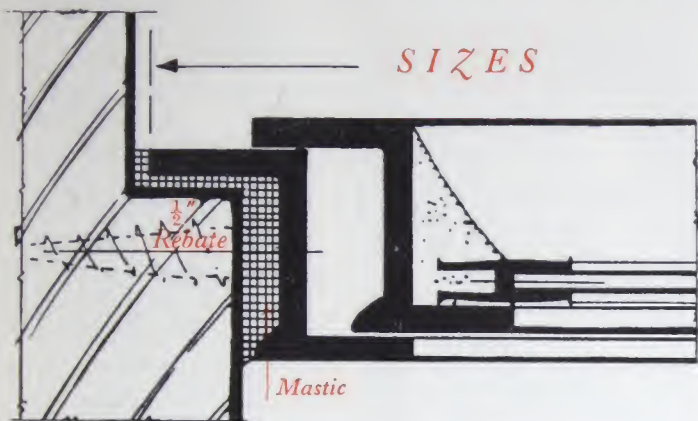
Casement and frame specification as first paragraph above. The lockrails are steel "T" bars, and three saddle bars are riveted to each leaf. A rustproofed rolled steel threshold is welded to jambs, the whole forming one unit.

Each leaf is hung on three steel hinges with solid brass pintles. The right hand leaf is fitted with a cremorne bolt which can be operated from both sides and locked on the inside. The left hand leaf is fitted with two bronze bolts, thus allowing the right hand leaf to be operated independently.

All leaded lights are 21 oz. glass with 5/8 in. lead comes thoroughly soldered and cemented.

FINISH. Two coats of rust-resisting paint, both coats stoved after thorough cleaning.

FULL SIZE SECTIONS



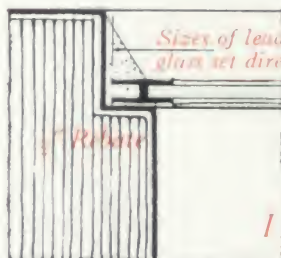
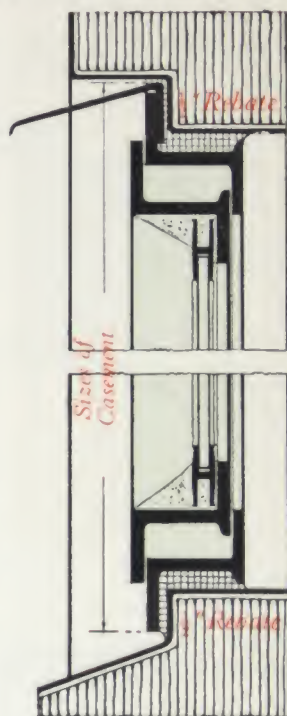
ORDERING INSTRUCTIONS

All side hung casements are made either right hand or left hand and orders should state which hand is required. (The "hand" of a casement is determined from the position of the hinges when looking from the inside, i.e. a right hand casement has hinges on right hand side.) Give full consignment address and nearest railway station.

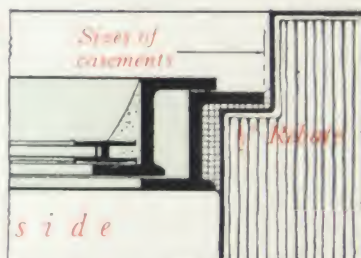
HALF FULL SIZE DETAILS



Hope's L.2 window hung on cleaning hinges and fitted with bronze handle and part bronze sliding stay.



PLAN AT JAMB OF
LEADED GLASS
SET DIRECT

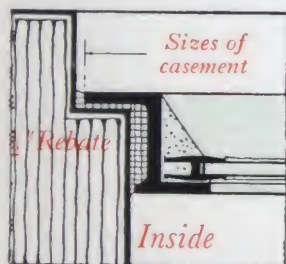


PLAN AND VERTICAL
SECTION OF OPENING
CASEMENT

DETAILS (continued)



Hope's L. 5. T. window with top hung ventilator above transome, fitted with bronze peg stay and fixed light below transome.

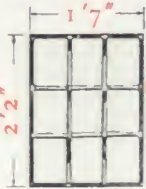



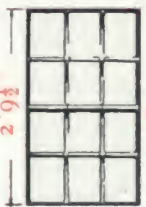









PLAN THROUGH
FIXED PORTION
AT JAMB



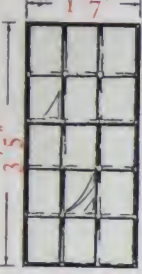



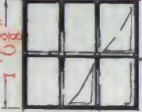


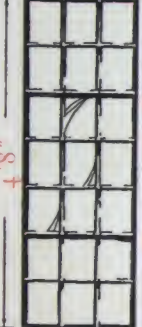



VERTICAL SECTION
THROUGH HEAD,
TRANSOME and CILL

"L" TYPE STANDARD SIZES

 <p>L.1.F L.2.F 6/-</p>	 <p>S.L.2 & S.L.1 9/3</p>	 <p>L.1 (top hung) 21/-</p>	 <p>L.2 24/6</p>
 <p>L.3.F 8/-</p>	 <p>S.L.3 12/-</p>	 <p>L.3.T 24/-</p>	 <p>L.3 28/-</p>
 <p>L.5.F 11/3</p>	 <p>S.L.5 17/3</p>	 <p>L.5.T 28/9</p>	 <p>L.5 33/9</p>

The diagrams reading from left to right shew:
 (1) Fixed leaded light for setting direct; (2)
 Fixed leaded light in steel frame; (3) Fixed
 leaded light and top hung ventilator in steel
 frame; and (4) Side hung casement.

STANDARD SIZES *(continued)*

<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">3'5"</div>  <div style="margin-left: 10px;">S.B.</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.4.F</p> <p>9/6</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">1'7"</div>  <div style="margin-left: 10px;">S.B.</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>S.L.4</p> <p>14/6</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">1'7"</div>  <div style="margin-left: 10px;">*</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.4.T</p> <p>26/6</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">1'7"</div>  <div style="margin-left: 10px;">S.B.</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.4</p> <p>30/6</p> </div>
<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">1'6"</div>  <div style="margin-left: 10px;">*</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.F</p> <p>4/6</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">1'6"</div>  <div style="margin-left: 10px;">*</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>S.L.F</p> <p>7/6</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">1'6"</div>  <div style="margin-left: 10px;">*</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.T</p> <p>19/-</p> </div>	<p style="text-align: center;"><i>See Specification and Ordering Instructions on pp. 2 & 3.</i></p>
<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">4'8"</div>  <div style="margin-left: 10px;">S.B.</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.6.F</p> <p>13/-</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">4'8"</div>  <div style="margin-left: 10px;">S.B.</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>S.L.6</p> <p>19/3</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">4'8"</div>  <div style="margin-left: 10px;">S.B.</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.6.T</p> <p>30/6</p> </div>	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">4'8"</div>  <div style="margin-left: 10px;">S.B.</div> </div> <div style="text-align: center; margin-top: 10px;"> <p>L.6</p> <p>37/6</p> </div>

* Indicates steel cored lead comes. S.B. saddle bar. Prices for the casements include the leaded glass, which is dispatched separately.

HOPE'S STANDARD HARDWARE



*Bronze
Striking
Plate*

BRONZE
2 POINT
HANDLE

No. 963c

WITH PATENT
RADIAL STOP

*gives a
little ventilation
without rattling*

*British Patent
No. 244023/25*

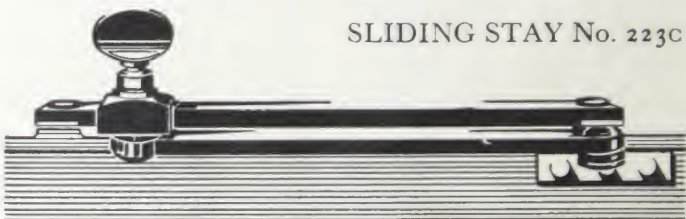


CASEMENT
CLOSED

CASEMENT OPEN 1"
for VENTILATION



BRONZE PEG STAY (No. 1575c) FOR TOP HUNG
VENTILATORS



SLIDING STAY No. 223c

Hope's sliding stay 223c with bronze rail, box and screw. Grips the casement firmly at any angle without projecting into the room.

CLEANING HINGES



Special attention is directed to the design of our cleaning hinges. They are of mild steel, with bronze pintles and washers, and are welded solid into the window flanges. The great depth and strength of the bronze pintles prevents any possibility of the casement sagging, and carry our full guarantee against breakage.

A cleaning space of 4.1/2 in. is provided when casement is fully opened.

These hinges are fitted to all "L" Type side hung casements.

HOPE'S FRENCH WINDOWS



Type L.D.4

These windows are ideal for living rooms or bedrooms opening on to verandahs or balconies.

Price: £7 18 0

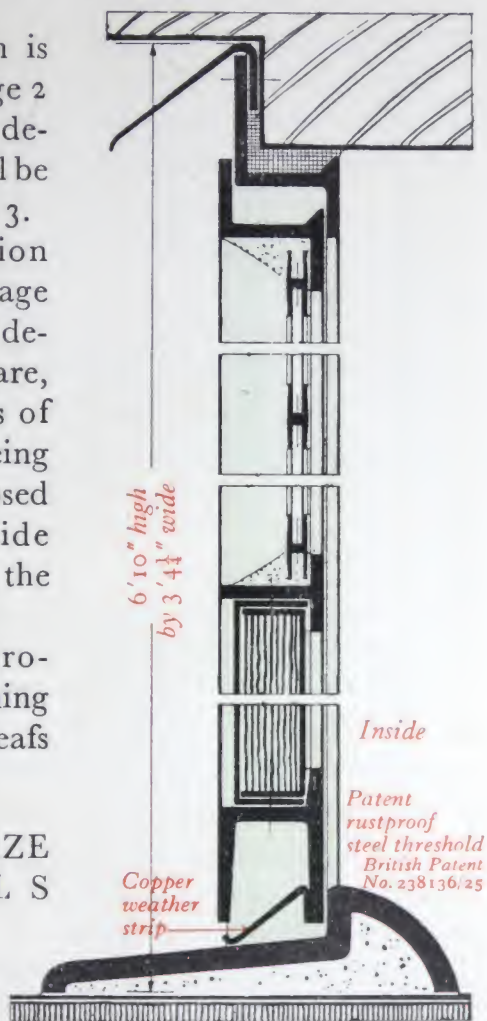
WITH LEADED GLAZING

A specification is printed on page 2 and a full size detail of jamb will be found on page 3.

The illustration on opposite page shews our new design of hardware, which allows of the window being opened or closed from either side and locked on the inside.

Eyelets are provided for fastening back window leafs when desired.

1/2 FULL SIZE D E T A I L S



These windows are now available for immediate delivery from stock.

DIVISION OF LEADED GLASS

THE traditional method of dividing a window opening into leaded light panes is to make the size of the panes equal whether in a casement or a fixed light where the fixed lights are glazed direct to the stone or wood frames. This is illustrated on the diagram marked "A" on the opposite page.

This practice is founded on the best examples of the Tudor period of English architecture. Its merit lies in a frank admission of the need for a smaller pane where the opening is made smaller by the width of the metal casement, and it provides squares of equal size in both casements and fixed lights.

Where mullions are very narrow objection is sometimes raised to this method, because the horizontal comes in the casements and adjoining fixed lights do not line with each other, and to meet this objection we have produced a range of fixed leaded lights in accordance with diagram "B," which, it will be observed, provides for the horizontal bars lining with those in the casements. It must be observed, however, that this inevitably makes the top and bottom panes of glass in the fixed light slightly longer.

Unless we are instructed to the contrary, all orders will be executed in accordance with diagram "A."

IN CASEMENTS & FIXED LIGHTS

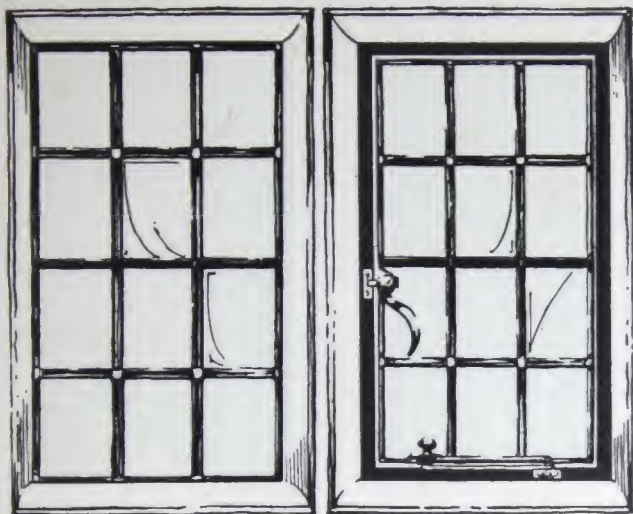


DIAGRAM "A"

Shewing windows divided independently

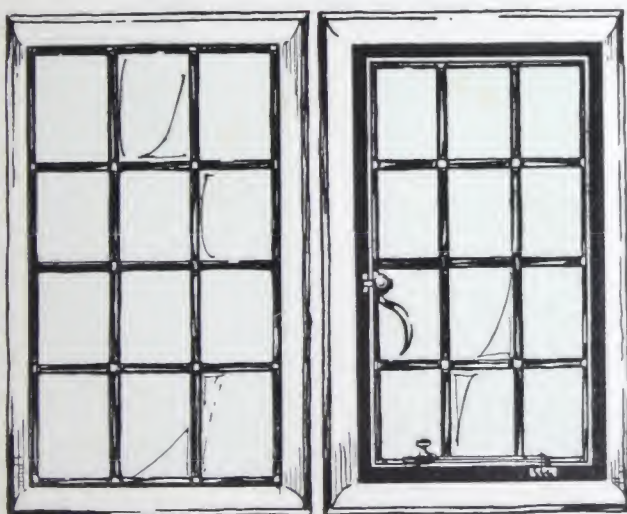


DIAGRAM "B"

Shewing windows divided to line through



B.C.M./HOPE'S

Printed in England at The Kynoch Press

